

Recombinant Human ITGB3BP Protein, GST-tagged

Cat. No. ITGB3BP-4975H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ITGB3BP full-length ORF (NP_055103.3, 1 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a transcriptional coregulator that binds to and enhances the activity of members of the nuclear receptor families, thyroid hormone receptors and retinoid X receptors. This protein also acts as a corepressor of NF-kappaB-dependent signaling. This protein induces apoptosis in breast cancer cells through a caspase 2-mediated signaling pathway. This protein is also a component of the centromere-specific histone H3 variant nucleosome associated complex (CENP-NAC) and may be involved in mitotic progression by recruiting the histone H3 variant CENP-A to the centromere. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]
Molecular Mass	46.6 kDa
AA Sequence	MPVKRSLKLDGLLENSFDPSKITRKKSVITYSPTTGTCQMSLFASPTSSEEQKHRN GLSNEKRKKLNHPSLTESKESTTKDNDEFMMLLSKVEKLSEEIMEIMQNLSSIQALEG SRELENLIGISCASHFLKREMQTKELMTKVNKQKLF EKSTGLPHKASRHLDSEYFLK AILN
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

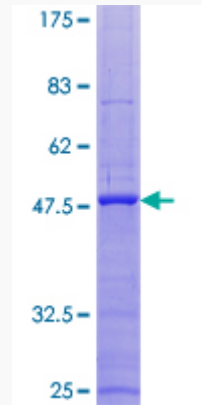
Gene Name	ITGB3BP integrin beta 3 binding protein (beta3-endonexin) [Homo sapiens]
Official Symbol	ITGB3BP
Synonyms	ITGB3BP; integrin beta 3 binding protein (beta3-endonexin); centromere protein R; CENPR; HSU37139; NRIF3; TAP20; beta 3 endonexin; beta-3-endonexin; integrin beta-3-binding protein; nuclear receptor-interacting factor 3; CENP-R;
Gene ID	23421
mRNA Refseq	NM_001206739
Protein Refseq	NP_001193668
MIM	605494
UniProt ID	Q13352

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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